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THIS IS UNEVALUATED INFORMATION

1. In March 1952, the following development projects were being worked on at the HF Telecommunication Plant, Berlin-Oberschoeneweide, by a total of 45 physicists, engineers, technicians, glass blowers, and mechanics:

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| Development Project | In Charge | degree of Completion |
|---|------------------------------|----------------------|
| 10-kw ultrashort wave television triode, resembling the RS-721 type Telefunken tube; to be manufactured later in the Lrfurt (G 51/J 36) Radio Plant | Dr Ladurner (fnu) | 75 % |
| 3-kw transmitting triode for ultrashort wave television | Graduate Engineer Reek (fnu) | 40 % |
| 1-kw transmitting triode for ultrashort wave television | Graduate Engineer Reek | 95 % |
| 300-w ultrashort wave tetrode for television, as a control tube for the 1-kw transmitting triode | Graduate Engineer Reek | 60 % |
| Type LS-111 sweep tube, a redevelopment (Nachentwicklung) project | Brinkmann (fnu) | unknown |
| The entire miniature tube program, a redevelopment project, of which types 6J6, 6AG5, 6AL5, and 6X4 have been completed | Madraht (fnu) | " |
| Power Klystron for 3-cm wave length, 1.5 w and later 15 w | Heydborn (fnu) | 20 % |

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| Development Project | In Charge | Degree of Completion |
|--|-----------|----------------------|
| Large tube. (Planerwellen- schal) for wave lengths of up to 6 cm, was completed in glass and is being remodeled for Loetheran (solder ceramics) bases. | Heydorn | unknown |
| Continued development of the LD-12 Brinkmann for higher frequencies by modifying the cavity resonators. Limiting wave length of 7 cm was reached, but one of 6 cm was required. | | unknown |
| α-cathode | Brinkmann | unknown |

Professor Dr. Daehne (fnu) from the observatory in Potsdam was assigned to the plant as a free lance member. He was looking for other technicians for astronomical measuring work.

A scientific work conference was held at the HF plant on 19 and 20 April 1952. The conference was attended by about 250 persons. The raw material situation for tube production was discussed. It was pointed out that the principal difficulty in the procurement of raw materials was the fact that the plants in Hettstedt (U 52/J 64) and Querhammer (U 51/K 53), which are capable of producing metals of the highest degree of purity for vacuum engine rings, were unable to meet the requirements. The plant in Querhammer has had a high-frequency furnace of 300-kg capacity for the past three years but could not put the furnace into operation because of the lack of specialists. The plant produced small quantities of Fe-2 iron which was tested and approved in Erfurt (U 51/J 36). The plant in Hettstedt has not yet been capable of producing Fe-2 iron because it still lacked one sandblast blower. The plant was trying to produce two new types of iron to have high tensile and compressive qualities and a low rate of gas release. The new types were designated M A 8 and C K 8. The conference terminated with a communique from Director Mueller (fnu) of the HF Plant to Deputy Minister-President Heinrich Rau, which requested that a delegation of representatives from the HF Plant, the Erfurt Radio Plant, the Muehlhausen Tube Plant, the Neuhaus Tube Plant, the Administration of the RFT in Leipzig, and the Berliner Gluehlampenwerk be received in order to report on the raw material situation and to receive instructions.

It was believed that the government should take strong measures to promote the raw material program for the electro-vacuum industry or else the industry would have to stop manufacturing tubes.

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